

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"3994544".pn. "3477884".pn.	US-PGPUB; USPAT	OR	OFF	2006/09/19 09:56
S2	341	92/72.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:13
S3	563	417/273.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:47
S4	340	91/491.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:00
S5	146	91/493.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:08
S6	134	92/58.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:11
S7	17	("3913455"   "4486154"   "4704948"   "4719843"   "4747339"   "4898076"   "4953524"   "5081906"   "5179889"   "5746584").PN. OR ("5179889"   "5632191"   "7028600").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 12:21
S15	480421	radial	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:23
S16	289028	piston	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:22
S17	389077	roller	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:22
S18	702601	bearing	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:23
S19	580179	cylinder	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:23
S20	190	S15 same S16 same S17 same S18 same S19	US-PGPUB; USPAT	OR	OFF	2006/09/19 23:17
S21	1735	radial adj piston	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:28
S22	22705	roller adj bearing	US-PGPUB; USPAT	OR	OFF	2006/09/19 23:14
S23	14	S21 with S22	US-PGPUB; USPAT	OR	OFF	2006/09/19 12:31
S24	1599	blanc.inv.	USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/09/19 12:32
S25	9	blanc.inv. and eugene.inv.	USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/09/20 08:37

## EAST Search History

S26	50	US-6328009-.DID. OR US-6357407-.DID. OR US-3650180-.DID. OR US-4936155-.DID. OR US-5673657-.DID. OR US-5845614-.DID. OR US-4508010-.DID. OR US-5632191-.DID. OR US-5799573-.DID. OR US-5836234-.DID. OR US-5860764-.DID. OR US-4783093-.DID. OR US-4252180-.DID. OR US-4496147-.DID. OR US-5758930-.DID. OR US-4273985-.DID. OR US-4626111-.DID. OR US-5051052-.DID. OR US-5237920-.DID. OR US-5327836-.DID. OR US-5391123-.DID. OR US-6027250-.DID. OR US-4340338-.DID. OR US-5947074-.DID. OR US-4976347-.DID. OR US-5934232-.DID. OR US-4121696-.DID. OR US-4274513-.DID. OR US-4864703-.DID. OR US-4915595-.DID. OR US-4997344-.DID. OR US-5272787-.DID. OR US-5345898-.DID. OR US-5778839-.DID. OR US-5944061-.DID. OR US-6030309-.DID. OR US-6062139-.DID. OR US-6164255-.DID. OR US-6253890-.DID. OR US-4967582-.DID. OR US-5474138-.DID. OR US-5529132-.DID. OR US-4499782-.DID. OR US-4811809-.DID. OR US-4355547-.DID. OR US-4508011-.DID. OR US-4615666-.DID. OR US-5383391-.DID. OR US-5960699-.DID. OR US-5989150-.DID.	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:32
S27	137	F03C001/247.ipc.	FPRS; EPO; JPO; DERWENT	OR	OFF	2006/09/19 15:49
S28	1	2006-101652.NRAN.	DERWENT	OR	OFF	2006/09/19 16:38
S32	1	cheni.as.	DERWENT	OR	OFF	2006/09/19 16:38
S33	1	cheni.as.	FPRS; EPO; JPO; DERWENT	OR	OFF	2006/09/19 16:39
S34	1	CHENI.as.	FPRS; EPO; JPO; DERWENT	OR	OFF	2006/09/19 16:39
S35	673716	pin	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:43
S36	37203	S35 same "16" same "17" same "18"	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:43
S37	289028	piston	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:43

## EAST Search History

S38	389077	roller	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:43
S39	702601	bearing	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:43
S40	630	S35 same S37 same S38 same S39	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:44
S41	1	(10/221948).APP.	USPAT; USOCR	OR	OFF	2006/09/19 17:02
S42	41	("1252757"   "1485988"   "2638850"   "2980077"   "3165068"   "3699848"   "3789741"   "3913455"   "3931810"   "4144798"   "4144799"   "4326450"). PN. OR ("4334506"   "4522110"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 17:19
S43	8	"3357312"	US-PGPUB; USPAT	OR	OFF	2006/09/19 20:23
S44	7	("3357312").URPN.	USPAT	OR	OFF	2006/09/19 20:34
S45	6	"3994544"	USPAT	OR	OFF	2006/09/19 20:35
S46	10	"3477884"	USPAT	OR	OFF	2006/09/19 20:35
S47	1735	radial adj piston	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:51
S48	2	S47 and metal adj ring with seal	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:53
S49	2	S47 and metal adj ring same seal	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:52
S50	2	S47 and static adj seal	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:52
S51	719	S47 and seal	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:54
S52	341	92/72.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:54
S53	563	417/273.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:54
S54	340	91/491.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:54
S55	146	91/493.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:54
S56	134	92/58.ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:54
S57	1311	S52 or S53 or S54 or S55 or S56	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:54
S58	310	S57 and seal	US-PGPUB; USPAT	OR	OFF	2006/09/19 22:55

## EAST Search History

S59	341160	sleeve	US-PGPUB; USPAT	OR	OFF	2006/09/19 23:14
S60	480421	radial	US-PGPUB; USPAT	OR	OFF	2006/09/19 23:17
S61	289028	piston	US-PGPUB; USPAT	OR	OFF	2006/09/19 23:17
S62	580179	cylinder	US-PGPUB; USPAT	OR	OFF	2006/09/19 23:17
S63	1487	S60 same S61 same S59 same S62	US-PGPUB; USPAT	OR	OFF	2006/09/19 23:17
S64	280	S60 same S61 same S59 same S62 same bearing	US-PGPUB; USPAT	OR	OFF	2006/09/20 07:46
S65	4	((FELICE) near2 (PECORARI)).INV.	US-PGPUB; USPAT	OR	OFF	2006/09/19 23:30
S66	3	((FELICE) near2 (PECORARI)).INV.	EPO; JPO; DERWENT	OR	OFF	2006/09/19 23:31
S67	2	((GABRIELE) near2 (PECORARI)).INV.	US-PGPUB; USPAT	OR	OFF	2006/09/19 23:31
S68	4	((GABRIELE) near2 (PECORARI)).INV.	EPO; JPO; DERWENT	OR	OFF	2006/09/19 23:31
S69	480421	radial	US-PGPUB; USPAT	OR	OFF	2006/09/20 07:46
S70	289028	piston	US-PGPUB; USPAT	OR	OFF	2006/09/20 07:46
S71	580179	cylinder	US-PGPUB; USPAT	OR	OFF	2006/09/20 07:46
S72	78	S69 same S70 same bushing same S71 same bearing	US-PGPUB; USPAT	OR	OFF	2006/09/20 07:48
S73	1507	piston same pin with (bushing or sleeve) and radial	US-PGPUB; USPAT	OR	OFF	2006/09/20 07:49
S74	526	piston same pin with (bushing or sleeve) and radial and cam	US-PGPUB; USPAT	OR	OFF	2006/09/20 07:49
S75	17	("1456479"   "1990660"   "3161183"   "3438358").PN. OR ("3841279").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 07:59
S76	16	("1567912"   "3433124"   "3435774"   "3636821"   "3858487"   "3866519"   "3884124"   "3960057").PN. OR ("4144798").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 08:19